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Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

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_____ N.A. Sequence

_____ A.A. Sequence

_____ Structure

Vendors

_____ IG

_____ STN

_____ Dialog

_____ APS

_____ Geninfo

_____ SDC

_____ DARC/Questel

RESULT 2
ID 5332671-3 STANDARD; PRT: 205 AA.
AC xxxxxx
XX 01-JAN-1900
XX Patent No. 5332671.
XX
CC Patent No. 5332671
CC APPLICANT: FERRARA, NAPOLEONE;LEUNG, DAVID W.H.
CC TITLE OF INVENTION: PRODUCTION OF VASCULAR ENDOTHELIAL CELL
CC GROWTH FACTOR AND DNA ENCODING SAME
CC NUMBER OF SEQUENCES: 15
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/389,722
CC FILING DATE: 04-AUG-1989
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: 369,424
CC FILING DATE: 21-JUN-1989
CC APPLICATION NUMBER: 351,117
CC FILING DATE: 12-MAY-1989
CC SEQ ID NO:3:
CC LENGTH: 190
CC SEQUENCE 205 AA: 23962 MW; 209373 CN;
SQ
Query Match 95.1%; Score 1440; DB 3; Length 190;
Best Local Similarity 94.8%; Pred. No. 4,83e-139;
Matches 181; Conservative 7; Mismatches 2; Indels 1; Gaps 1;
DB 1 MNFLSVHWSLALLYLHAKMSQAAPMAEGG-QKPEHYVFMVDYQSRSCPIETLVD 59
QY 1 MNFLSVHWSLALLYLHAKMSQAAPMAEGGQNHHEVYKFMVDYQSRSCPIETLVD 60
DB 60 IFQEPDEIETIRKPCVPLMRGCGCCNDSELCVPTSESNITMQIRIPHOSHIEM 119
QY 61 IFQEPDEIETIRKPCVPLMRGCGCCNDSELCVPTSESNITMQIRIPHOSHIEM 120
DB 120 SFLOHNSCECRPKRKARQENPCGPCSERRKHLEFVDDPQCKSCNTDSRCAROLELN 179
QY 121 SFLOHNSCECRPKRKARQENPCGPCSERRKHLEFVDDPQCKSCNTDSRCAROLELN 180
DB 180 ERTCRCDKPRR 190
QY 181 ERTCRCDKPRR 191
RESULT 3
US-08-469-427A-15 STANDARD; PRT: 189 AA.
AC xxxxxx
XX
XX
XX
DE Sequence 15, Application US/08469427A
CC Sequence 15, Application US/08469427A
CC Patent No. 5607918
CC GENERAL INFORMATION:
CC APPLICANT: Eriksson, Ulf
CC APPLICANT: Olofsson, Birgittha
CC APPLICANT: Alltalo, Kari
CC APPLICANT: Palusola, Katri
CC TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
CC TITLE OF INVENTION: DNA CODING THEREFOR
CC NUMBER OF SEQUENCES: 17
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Evenson, McKeown, Edwards & Lenahan
CC STREET: 1200 G Street, N.W., Suite 700
CC CITY: Washington
CC STATE: DC
CC ZIP: 20005
CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patent Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/469,427A
CC FILING DATE: 06-JUN-1995
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/397,651
CC FILING DATE: 01-MAR-1995
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Evans, Joseph D
CC REGISTRATION NUMBER: 26,269
CC REFERENCE/DOCKET NUMBER: 419790P2
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (202) 628-8800
CC TELEFAX: (202) 628-8844
CC INFORMATION FOR SEQ ID NO: 15:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 189 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
CC SEQUENCE 189 AA: 22408 MW; 162287 CN;
SQ
Query Match 88.9%; Score 1346; DB 1; Length 189;
Best Local Similarity 88.0%; Pred. No. 5.10e-129;
Matches 168; Conservative 12; Mismatches 9; Indels 2; Gaps 2;
DB 1 MNFLSVHWSLALLYLHAKMSQAAPTEGE-QKSHVEYKFDYQSRSCPIETLVD 58
QY 1 MNFLSVHWSLALLYLHAKMSQAAPMAEGGQNHHEVYKFMVDYQSRSCPIETLVD 60
DB 59 IFQEPDEIETIRKPCVPLMRGCGCCNDSELCVPTSESNITMQIRIPHOSHIEM 118
QY 61 IFQEPDEIETIRKPCVPLMRGCGCCNDSELCVPTSESNITMQIRIPHOSHIEM 120
DB 119 SFLOHNSCECRPKRKARQENPCGPCSERRKHLEFVDDPQCKSCNTDSRCAROLELN 178
QY 121 SFLOHNSCECRPKRKARQENPCGPCSERRKHLEFVDDPQCKSCNTDSRCAROLELN 180
DB 179 ERTCRCDKPRR 189
QY 181 ERTCRCDKPRR 191
RESULT 4
ID 5194596-18 STANDARD; PRT: 179 AA.
AC xxxxxx
XX
XX
XX
DE Patent No. 5194596.
CC Patent No. 5194596
CC APPLICANT: TISCHER, EDMUND G.;ABRAHAM, JUDITH A.;FIDDES, JOHN
CC C.;MITCHELL, RICHARD L.
CC TITLE OF INVENTION: PRODUCTION OF VASCULAR ENDOTHELIAL CELL
CC GROWTH FACTOR
CC NUMBER OF SEQUENCES: 32
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/450,883
CC FILING DATE: 14-DEC-1989
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: 387,545
CC FILING DATE: 27-JUL-1989
CC SEQ ID NO:18:
CC LENGTH: 165
CC SEQUENCE 179 AA: 20708 MW; 157432 CN;

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Query Match 85.4%; Score 1293; DB 3; Length 165;
Best Local Similarity 100.0%; Pred. No. 2,26e-123;
Matches 165; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 APAAEGGGNNHHEVFMVYQSYCHPIETLVDFQEYDEIEYIFKPSCVPLMRCGCGC 60
|||||
QY 27 APAAEGGGNNHHEVFMVYQSYCHPIETLVDFQEYDEIEYIFKPSCVPLMRCGCGC 86
|||||
Db 61 CNDGEGECVPTESNTTMOIMRIKPHOGHIGEMSFLOHNKCECRPKRDARQENPCGPGC 120
|||||
QY 87 CNDGEGECVPTESNTTMOIMRIKPHOGHIGEMSFLOHNKCECRPKRDARQENPCGPGC 146
|||||
Db 121 SERKKHLFVODPOTCKSCSKNTDSRCKARQLELNERTCRCDKPRR 165
|||||
QY 147 SERKKHLFVODPOTCKSCSKNTDSRCKARQLELNERTCRCDKPRR 191
|||||

RESULT 5
ID 5219739-19 STANDARD; PRT; 179 AA.
XX xxxxxx
DT 01-JAN-1900
DE Patent No. 5219739.
XX
XX Patent No. 5219739
CC APPLICANT: TISCHER, EDMOND G.; ABRAHAM, JUDITH A.; FIDDES,
CC JOHN C.; MITCHELL, RICHARD L.
CC TITLE OF INVENTION: DNA SEQUENCES ENCODING BVEGF120 AND
CC HVEGF 121 AND METHODS FOR THE PRODUCTION OF BOVINE AND HUMAN
CC VASCULAR ENDOTHELIAL CELL GROWTH FACTORS, BVEGF120 AND HVEGF121
CC NUMBER OF SEQUENCES: 40
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/559,041
CC FILING DATE: 27-JUL-1990
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: 450,883
CC FILING DATE: 14-DEC-1989
CC APPLICATION NUMBER: 387,545
CC FILING DATE: 27-JUL-1989
CC SEQ ID NO:19:
CC LENGTH: 165
CC SEQUENCE 179 AA; 20708 MW; 157432 CN;

Query Match 85.4%; Score 1293; DB 3; Length 165;
Best Local Similarity 100.0%; Pred. No. 2,26e-123;
Matches 165; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 APAAEGGGNNHHEVFMVYQSYCHPIETLVDFQEYDEIEYIFKPSCVPLMRCGCGC 60
|||||
QY 27 APAAEGGGNNHHEVFMVYQSYCHPIETLVDFQEYDEIEYIFKPSCVPLMRCGCGC 86
|||||
Db 61 CNDGEGECVPTESNTTMOIMRIKPHOGHIGEMSFLOHNKCECRPKRDARQENPCGPGC 120
|||||
QY 87 CNDGEGECVPTESNTTMOIMRIKPHOGHIGEMSFLOHNKCECRPKRDARQENPCGPGC 146
|||||
Db 121 SERKKHLFVODPOTCKSCSKNTDSRCKARQLELNERTCRCDKPRR 165
|||||
QY 147 SERKKHLFVODPOTCKSCSKNTDSRCKARQLELNERTCRCDKPRR 191
|||||

RESULT 6
ID 5240848-11 STANDARD; PRT; 232 AA.
XX xxxxxx
DT 01-JAN-1900
DE Patent No. 5240848.
XX
XX Patent No. 5240848
CC APPLICANT: KECK, PAMELA J.; CONNOLLY, DANIEL T.; FEDER, JOSEPH

CC TITLE OF INVENTION: DNA SEQUENCES ENCODING HUMAN VASCULAR
CC PERMEABILITY FACTOR HAVING 189 AMINO ACIDS
CC NUMBER OF SEQUENCES: 11
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/337,037
CC FILING DATE: 10-JUL-1989
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: 274,061
CC FILING DATE: 21-NOV-1988
CC SEQ ID NO:11:
CC LENGTH: 214
CC SEQUENCE 232 AA; 27099 MW; 279984 CN;

Query Match 83.0%; Score 1257; DB 3; Length 214;
Best Local Similarity 88.8%; Pred. No. 1,54e-119;
Matches 190; Conservative 1; Mismatches 0; Indels 23; Gaps 1;

Db 1 MNFLSMVHMSLALLYLHNAKWSQAAPAAEGGGNNHHEVFMVYQSYCHPIETLVDF 60
|||||
QY 1 MNFLSMVHMSLALLYLHNAKWSQAAPAAEGGGNNHHEVFMVYQSYCHPIETLVDF 60
|||||
Db 61 IFQEYDEIEYIFKPSCVPLMRCGCGCNDGEGECVPTESNTTMOIMRIKPHOGHIGEM 120
|||||
QY 61 IFQEYDEIEYIFKPSCVPLMRCGCGCNDGEGECVPTESNTTMOIMRIKPHOGHIGEM 120
|||||
Db 121 SFLQHNKCECRPKRDARQENPCGPGCSEKRRKHLFVOD 180
|||||
QY 121 SFLQHNKCECRPKRDARQENPCGPGCSEKRRKHLFVOD 157
|||||

Db 181 POTCKSCSKNTDSRCKARQLELNERTCRCDKPRR 214
|||||
QY 158 POTCKSCSKNTDSRCKARQLELNERTCRCDKPRR 191
|||||

RESULT 7
ID 5240848-7 STANDARD; PRT; 233 AA.
XX xxxxxx
DT 01-JAN-1900
DE Patent No. 5240848.
XX
XX Patent No. 5240848
CC APPLICANT: KECK, PAMELA J.; CONNOLLY, DANIEL T.; FEDER, JOSEPH
CC TITLE OF INVENTION: DNA SEQUENCES ENCODING HUMAN VASCULAR
CC PERMEABILITY FACTOR HAVING 189 AMINO ACIDS
CC NUMBER OF SEQUENCES: 11
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/337,037
CC FILING DATE: 10-JUL-1989
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: 274,061
CC FILING DATE: 21-NOV-1988
CC SEQ ID NO:7:
CC LENGTH: 215
CC SEQUENCE 233 AA; 27156 MW; 281930 CN;

Query Match 82.3%; Score 1246; DB 3; Length 215;
Best Local Similarity 88.4%; Pred. No. 2,28e-118;
Matches 190; Conservative 1; Mismatches 0; Indels 24; Gaps 1;

Db 1 MNFLSMVHMSLALLYLHNAKWSQAAPAAEGGGNNHHEVFMVYQSYCHPIETLVDF 60
|||||
QY 1 MNFLSMVHMSLALLYLHNAKWSQAAPAAEGGGNNHHEVFMVYQSYCHPIETLVDF 60
|||||
Db 61 IFQEYDEIEYIFKPSCVPLMRCGCGCNDGEGECVPTESNTTMOIMRIKPHOGHIGEM 120
|||||
QY 61 IFQEYDEIEYIFKPSCVPLMRCGCGCNDGEGECVPTESNTTMOIMRIKPHOGHIGEM 120
|||||
Db 121 SFLQHNKCECRPKRDARQENPCGPGCSEKRRKHLFVOD 180
|||||
QY 121 SFLQHNKCECRPKRDARQENPCGPGCSEKRRKHLFVOD 156
|||||

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